

**INTRANASAL IMMUNIZATION WITH DETOXIFIED LIPOOLIGOSACCHARIDE  
FROM NONTYPEABLE *HAEMOPHILUS INFLUENZAE* OR *MORAXELLA*  
*CATARRHALIS***

Abstract of the Disclosure

The invention relates to intranasal immunization with detoxified lipooligosaccharide from nontypeable *Haemophilus influenzae* or *Moraxella catarrhalis*.

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